

7/14

						D0					
		D0-1	D0-2	D0-3	D0-4	D0-5	D0-6	D0-7	D0-8	D0-9	D0-10
D1	D1-1	1									
	D1-2										
	D1-3										
	D1-4										
	D1-5										
	D1-6										
	D1-7										
	D1-8										
	D1-9										
	D1-10										

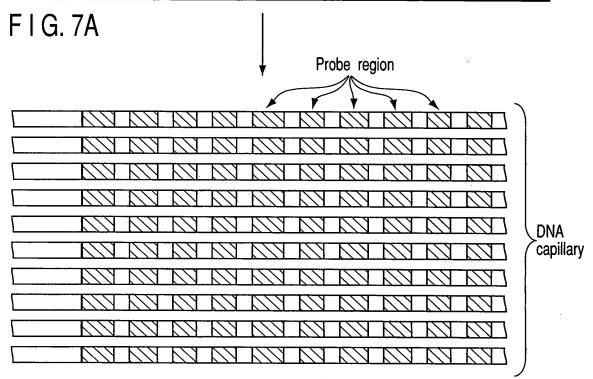
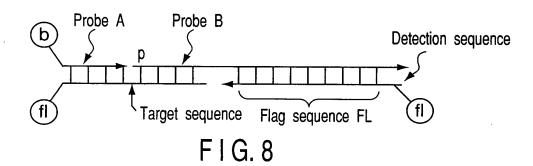


FIG.7B



ISEZETAL OSOJOL

Mame Seque

Sequence (5'→3')

Probe A b-16A:b-CTAgTAgggTgAAgTC

Probe B P-16B-48: P-CATAAgAgCCCTAgAgCATgCTggTCAAggggGCACgCggTTCATCAggAAgTCgAAggCAggACg

Target sequence r-32-fl: CTCTAgggCTCTTATggACTTCACCCTACTAg-fl FIG.9 <

fi-r-48: fi-cgTcCTgCCTTCgACTCCTgATgAACCgCgTgCCCCTTgACCAgCATg Detection sequence

Mutation sequence fl-neg-r-32AB: fl-TTCTAgAgCTCCTATggACTTCGCCCTACTAg

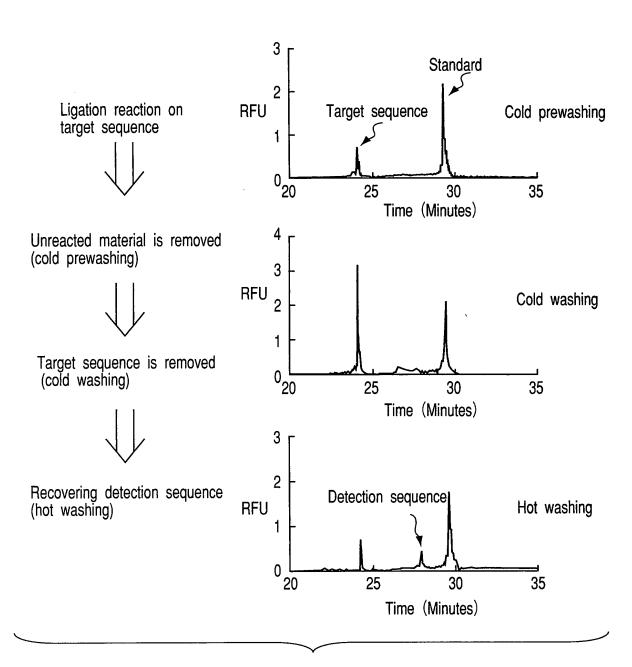
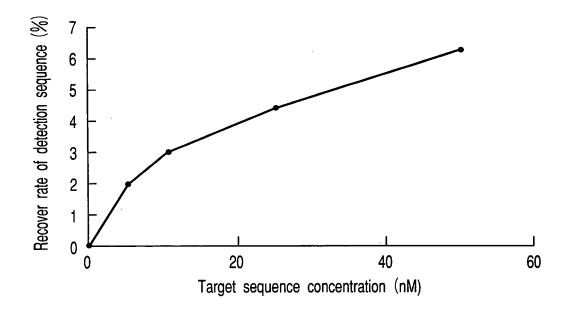


FIG. 10



F I G. 11

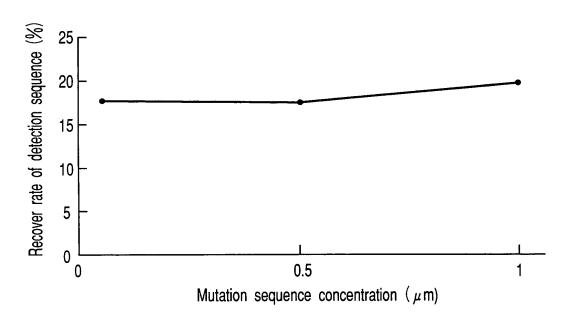


FIG. 12

Probe B

Probe A

(<u>(a</u>

Nucleotide sequence used in evaluation experiment

FIGTP+SIGTP

5'-TCCTATATTCAACTgTAATAgCCCgTTCCT-3'

FLRG-47+SLRG-47

(Mouse γ - derived GTPase family gene, IGTP)

(Mouse γ - derived GTPase family gene, LRG-47) 5-ATTTTCCTCTgAAACAATAAAgTCggTTCC-3'

■ Probe A

5'-ATTTCCTCTgAAAC-3'

5-TCCTATATTCAACTg-3'

5'-TAATAgCCCgTTCCT-3'

sednence

S

 $\hat{\mathbf{v}}$

Target nucleic acid sequence

5'-AATAAAgTCggTTCC-3'

5-TgAAgTCACCACAACACACAgTACA-3'

5'-TCTCAgTCCCAgTCCATTTCCTTAC-3' 5'-ACgACgATgAAAAACTACgAgggAC-3' 5'-TgAACCCCCAAgTTTAgATCTCAgC-3' 5'-gACAAACACCCCgAATACAAACAgC-3' O1IGTP=D1LRG-47=1

FIG. 13B

FIG. 13A

FIGTP FLRG-47

■ Probe B

S'IGTP S'LRG-47

ED D0_{IGTP}=0 D0_{LRG-47}=1

